

Doings of Interest

The McKenzie family of Pickering have had their share of hardships, but now things seem to be on the upward grade.

About 8 months ago 6 year old Robert McKenzie was brought to the Ontario Junior Red Cross by his mother, for assistance in buying a pair of corrective boots.

Through publicity in the local press, a fund was started to which the Ontario Red Cross contributed \$1,000 towards the operation.

And now Patsy is home again. She arrived last Thursday at Malton airport, almost as good as new, and able to play with other children again.

“Auto Daredevil” drivers advertised to appear at neighbourhood fair. Why pay to see these when you can see daredevil drivers on King Street almost any early Sunday morning for free!

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U.N. Films TV Program for Latin America



The United Nations Radio Division recently produced its first television program for Latin American countries. The program is the first in a series entitled “United Nations Round Table,” filmed on kinescope, and will be presented on television stations of Mexico, Cuba and Argentina.

TEN BILLION HYDROGEN BOMBS PER SECOND NEEDED TO EQUAL ENERGY OUTPUT OF THE SUN

In the history of mankind there has been no more momentous quest than the search for the secret of the sun. For the sun is the source of all life—without it, this planet would be a cold, dry stone, floating in eternal darkness.

For centuries scientists have tried to learn how the sun can keep burning and transmitting enormous amounts of energy. Only a small portion comes to earth as light and heat; the remainder is lost forever in the frigid emptiness of space.

The sun is believed to be purely gaseous, a giant atomic furnace, with temperatures in the millions of degrees—too hot for fire to exist as it is known on Earth.

Great storms, called sun spots, rage across its face, imparting intense electrical energy to the upper atmosphere. Flares of brilliant ultra violet light and fountains of flame spurt 100,000 miles into space.

The sun also emits strange energy signals which can be plotted by radio telescopes into pictures of the sun more accurate than obtained by visual means.

Some scientists believe the sun's activity actually is increasing in intensity so that, millions of years in the future, its heat may become so intense that the planets will melt and vaporize.

While the sun is the source of life, no life was possible until the Earth cooled, gases condensed, oceans were formed and the atmosphere materialized to provide a protective shield from the deadly ingredients of sunlight.

Gigantic streams of electrically charged particles with tremendous energy, flash in from outer space, bombarding Earth's atmosphere with deadly charges. These cosmic rays are believed to come from the sun, and scientists think they

may have important effects on weather, magnetism, and life.

These mysterious particles may cause the ghostly, dancing, Aurora Borealis in the Northern sky, or the fleeting Aurora Australis of the Antarctic.

Special equipment will record the intensity, movement, and duration of the Aurora to see if it occurs simultaneously at the extremities of lines of magnetic flow in the north and south latitudes.

The Ionosphere is another portion of the atmosphere which will receive close attention. From 50 to 250 miles above the earth, this blanket of rarified, ionized gases shifts and undulates, changing the strength of magnetic fields in heavens and earth.

Another strange feature of the upper atmosphere is the jet stream—a current of air moving several hundred miles an hour, which may be caused by unequal atmospheric heating.

Balloons have been used for years to study the atmosphere. Equipped with tiny radio transmitters, they send back to earth data on temperature, humidity, solar radiation and atmospheric pressure.

Since 99% of the atmosphere is below 20 miles' altitude the height to which balloons can rise is limited. Canada, along with all participating countries, will intensify meteorological observations during IGY.

—Horizons, A. V. Roe Canada Limited, publishers.

NEW RESTAURANT OPEN FOR BUSINESS

“Vi's Lunch” opened to the public on Wednesday, August 7th.

This tidy little lunch restaurant is located just west of the Toronto-Dominion Bank on King Street, and is up-to-date in all departments.

The public are cordially invited to visit “Vi's Lunch.” Remember—We serve the best because we buy the best.

GEMS FROM LIFE'S SCRAPBOOK

Confidence

Confidence in another man's virtue is no slight evidence of one's own.—Montaigne.

Trust men and they will be true to you; treat them greatly and they will show themselves to be great.—Emerson.

No great deed is done by falterers who ask for certainty.—George Eliot.

Fields are won by those who believe in winning.—T. W. Higginson.

Society is built upon trust, and trust upon confidence in one another's integrity.—Robert South.

Our surety is in our confidence that we are indeed dwellers in Truth and Love, man's eternal mansion.—Mary Baker Eddy.

DATES OF FALL FAIRS

The dates of fall fairs listed by the Agricultural Societies of the Ontario Department of Agriculture in this district, are Peterborough Aug. 7-10 Belleville Aug. 12-15 Oshawa Aug. 15-17 Blackstock Aug. 24 Kinmount Aug. 31 Port Hope Aug. 31 Coe Hill Aug. 31 Marmora Sept. 2

as follows: Apsley Sept. 7 Minden Sept. 7 Orono Sept. 7 Tweed Sept. 11 Lakefield Sept. 14 Warkworth Sept. 20 Lindsay Sept. 18-21 Stirling Sept. 21 Campbellford Sept. 25 Bobcaygeon Sept. 28 Madoc Oct. 2 Norwood Oct. 11-14 Ottawa Aug. 23-31 London Sept. 9-14 Toronto Aug. 23-Sept. 7 Kingston Sept. 24-28 Ottawa Winter Fair Oct. 28 to Nov. 2 Royal Winter Fair Nov. 15-23 Port Perry Sept. 2 Markham Oct. 3-5 Brighton Aug. 28 Picton Sept. 16-18 International Plowing Match, Simcoe in Norfolk County Oct. 15 to 18.

It takes from 50 to 100 years to produce a tree large enough for timber.

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Goal

I sent my boy to college With a pat upon the back. I spent 10 thousand dollars And got — a quarterback. —Expositor.

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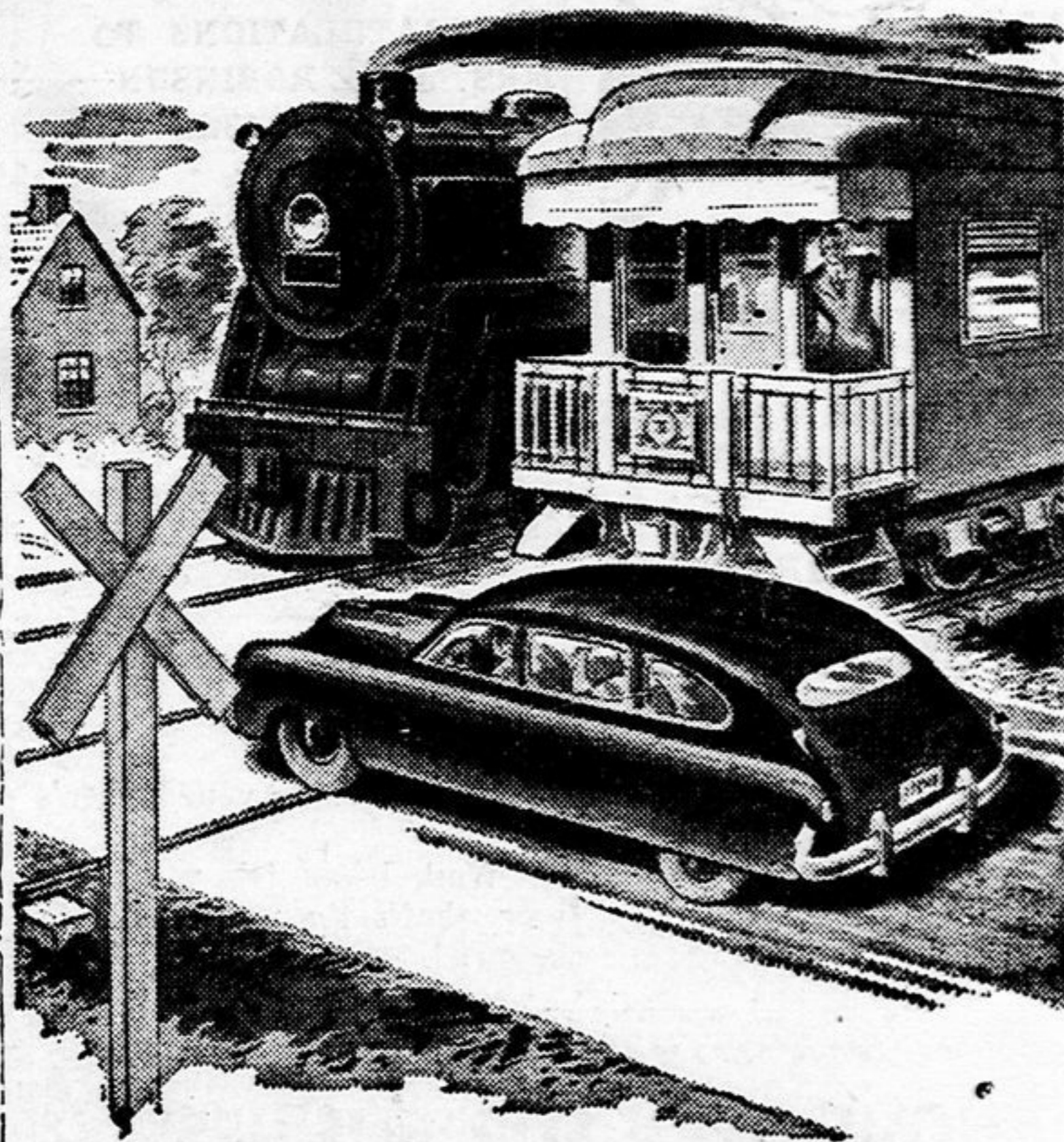
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Keeping Track

(Reprint from Canadian National Magazine.)

Every railroad maintains a highway—a double of steel which, on the Canadian National System, totals more than 24,000 miles of main and more than 9,000 miles of secondary track in yards, etc.

A track, once laid, appears to be a permanent installation; but it isn't. Like es, sleeping cars, locomotives and freight cars, it requires maintenance. Between 1914 and 1954, an average of 1.5 miles of new rail was laid per year.

Rail is made of high steel and manufactured to foot lengths to numerous standards. The heaviest used in Canada is 132 per yard.

In 1954 the Canadian National made a test installation of “ribbon rail” on ten track near Belleville, Ont.

This new departure in laying practice consists of welding together standard lengths into continuous 1170 foot long, eliminating joints with obvious saw maintenance and costs.

Two factors enter into choice of weight of rail volume of traffic and type of trains. Light trains running at fast speeds will wear rail as quickly as heavy moving more slowly.

The Church SUNDAY, AUGUST 11

Pentecostal Assembly Canada

Zion Pentecostal Church MILLBROOK

10.00 a.m.—Sunday School 11.00 a.m.—Worship Evening service following to Youth Camp, August 4th and 5th. If you have no church we kindly invite you to Line Pentecostal Church, Millbrook. Pastor, M. J. Cavan

THE UNITED CHURCH

Millbrook Pastoral Charge Rev. Francis Chisholm, B.D., Minister “O Come, Let Us Worship” St. Andrew's 11.15 a.m.—Family Worship Junior Congregational Nursery. “The Transfiguration of Our Lord”.

Cavan

9.45 a.m.—Public Worship and Sunday School.

PREBYTERIAN

Centreville and Millbrook Rev. W. H. Heustein, Minister. Rev. Walter Patterson, Minister Emeritus Grace Church, Millbrook 9.45 a.m.—Divine Worship 10.45 a.m.—Church School

Centreville Church

South Monaghan Mrs. G. Muspratt, Organist 10.00 a.m.—Church School 11.15 a.m.—Divine Worship Mr. S. Lotfi, Final Year theological student, Knox will conduct the service

Anglican Church of

PARISH OF CARLETON Place Rev. H. C. Quinn, B. Div., Rector.

8th Sunday after Trinity

St. John's, Id. 9.45 a.m.—Morning Prayer St. Thomas' Church, Id. 11.15 a.m.—Morning Prayer